

**NOTHING
LIKE IT
IN THE
AUTOMOTIVE
WORLD**



Sun 820

ELECTRONIC ENGINE TESTER



IT'S HERE! THE GREAT NEW...

Sun 820

ELECTRONIC ENGINE TESTER



PRICE \$1480.00

INCLUDES OPERATING ACCESSORIES

This complete engine test and service laboratory on wheels will make "engine service" the most profitable part of your entire service operation.

COMPLETE TEST FACILITIES

Why bypass any of your customers' service needs when you can quickly determine the true condition of each important power plant area. Whether problems exist in the engine, ignition, fuel, starting or charging systems; you get factual information quickly and easily. Apply *all* of your valuable time to profitable service work—don't waste it on guessing and hunting.

COMPLETE SERVICE COVERAGE

Quick Service or Tune-up, detailed Trouble Shooting or Quality Control, this tester will fill all your engine service requirements.

COMPLETE VERSATILITY

With this tester you can service any engine on the road today regardless of the number of cylinders, whether it is 2 or 4 cycle, or has a 6, 12, or 24 volt electrical system—and important too, it tests transistorized or conventional ignition systems with equal ease.

COMPLETE EASE OF OPERATION

So easy to use, turns even the most difficult service problem into a simple job. With a minimum of test connections, the large, easy to read meters and the brilliant scope image provide engine performance indications even an apprentice mechanic can interpret. This tester plus Sun's exclusive on-the-job training, will make a true expert technician out of any good mechanic.

No detail has been overlooked, every facet of this top quality instrument has been carefully designed and constructed to provide many years of accurate and reliable diagnostic service.

A NEW HIGH IN SERVICE . . . AND PROFIT POTENTIAL!

By combining over 30 years of leadership in the Automotive Service Field with the knowledge and know-how to design and build top quality equipment for the nation's space program—only Sun can offer **ALL** of these outstanding features in one, complete engine tester.

Providing facilities for testing all five important engine areas, the 820 includes the Sun Scope, Voltmeter, Ohmmeter, Dwell meter, Tachometer, Condenser and Coil Testers, Combustion Efficiency Tester, Vacuum Gauge, Cylinder Leakage Tester, Timing Advance Control and Cylinder Balance Tester. All of this top quality instrumentation combined in the most complete tester ever available.

All new, Electronic Ignition Scope with easy-eye, edge illuminated screen, provides over 36 square inches of viewing surface. Displays secondary and primary ignition patterns independently or simultaneously with just the flick of a switch. Newly developed, special cathode ray tube, displays each portion of the ignition pattern brightly and distinctly. Makes analyzing all types of ignition problems a breeze. Equipped with a universal pattern pickup, compatible to all existing ignition systems.

First in the industry—fully illuminated, easy-to-read 8 inch meters. Never before have large, laboratory-type instruments been available on Automotive Service Equipment. Only with Sun, can you be assured of getting the latest, most accurate, and the finest instrumentation.

The entirely new Timing Advance Control, makes the initial tuning adjustment a simple, but precise operation. Both Mechanical and Vacuum controlled advance mechanisms are easy to test with this unique instrument, without removing the distributor from the engine.

The super accurate "Secondary Tachometer" is unsurpassed for its precision indications. With scale ranges from 0 to 10,000 RPM and an "expanded" Cylinder Balance range of 400 to 900 RPM, this tach fulfills the speed measuring requirements of all 2 and 4 cycle, single or multi-cylinder, spark ignited engines.

Completely A. C. powered, no messy batteries to worry about. The 820 incorporates the latest in transistorized, voltage regulated circuitry which automatically compensates for line voltage variations. You're assured of super accurate test indications every time.

An example of the advanced design represented throughout this Electronic Engine Tester is its unique facilities for bench testing ignition coils. Whether coils are for conventional or transistor type systems, any possible defects will be indicated and observed on the ignition scope.

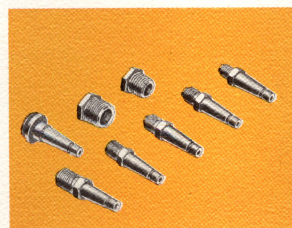
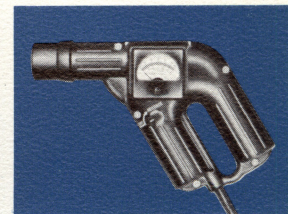
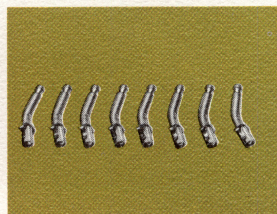
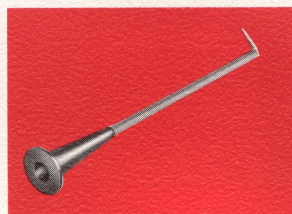
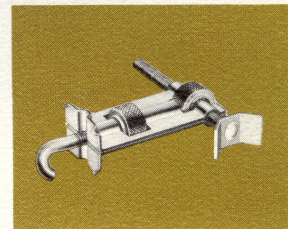
THE 820 INCLUDES:

ACCESSORIES

- ILLUSTRATED INSTRUCTION MANUAL
- TIMING ADVANCE CONTROL
- EXHAUST CONDENSER AND HOSE
- ENGINE SPEED CONTROL
- SOLENOID STARTER SWITCH
- HIGH TENSION PLIERS
- TOP DEAD CENTER INDICATOR
- RESISTANCE TEST CONTACTOR
- VACUUM FITTING SET
- SPARK PLUG CONNECTOR SET
- LEADS, HOSES AND ADAPTERS

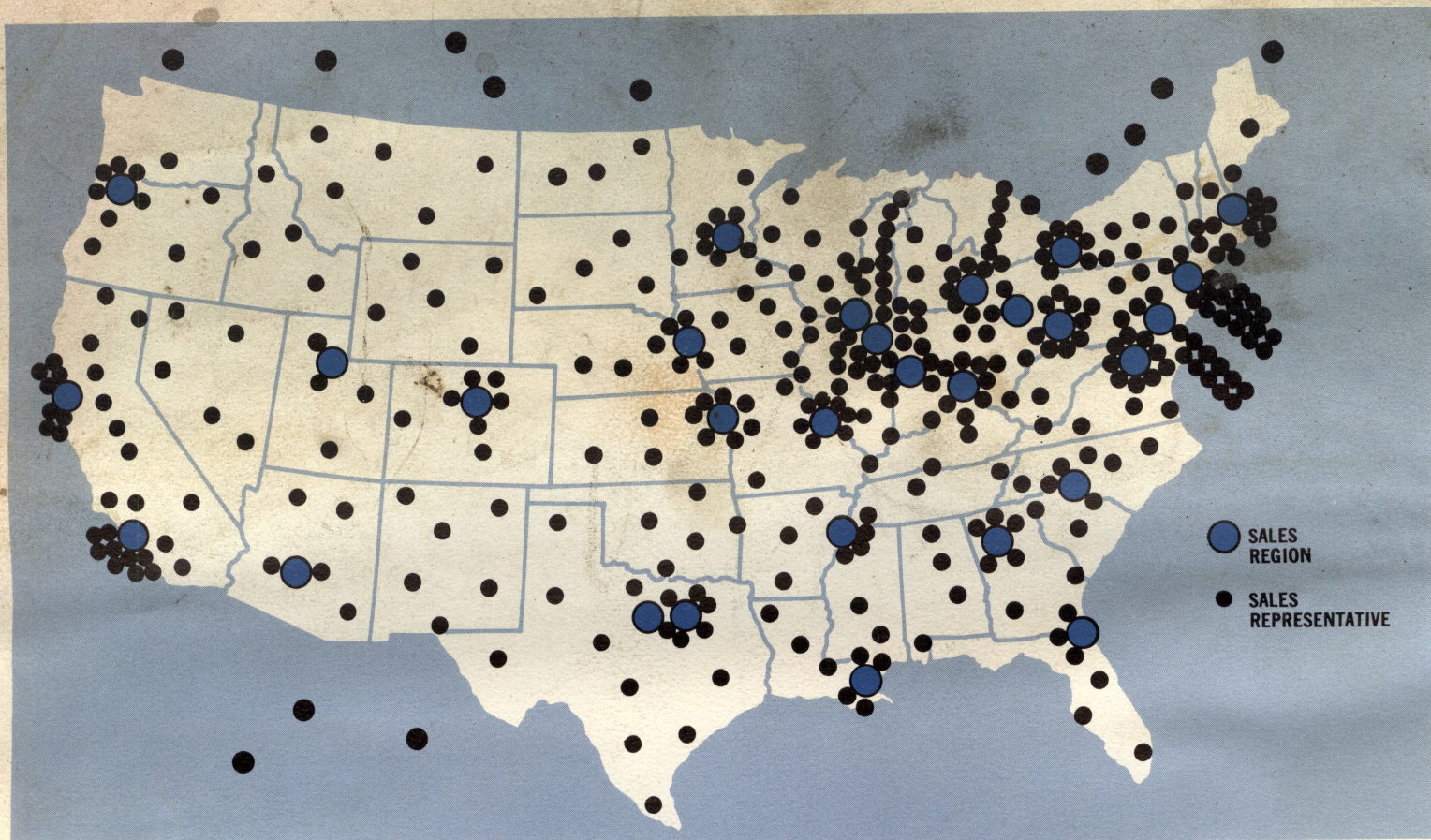
ADVERTISING MATERIAL

- COLORFUL FABRIC BANNER
- EYE CATCHING ACETATE SIGNS
- ASSORTED NEWS AD MATS
- SERVICE CLINIC GUIDE
- QUICK SERVICE TEST FORMS
- SERVICE CLINIC TEST FORMS



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Cincinnati, Ohio 45244

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Kansas City Region
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Kansas City, Mo. 64127

Minneapolis Region
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Minneapolis, Minn. 55405

Omaha Region
4010 Truman Road
Kansas City, Mo. 64127

Portland Region
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Portland, Ore. 97217

Boston Region
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Cleveland, Ohio 44125

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